

Instructions for use of the **SAMUDRA Temp Control** temperature sensor



This symbol on the product or its packaging indicates that the product must not be treated as household waste, but should be taken to an appropriate collection point for the recycling of electrical and electronic equipment. Proper disposal of the used product prevents potential negative impacts on the environment and human health that could occur if the waste is not properly managed. Recycling materials helps to protect the environment. For more detailed information about recycling this product, please contact your local council, waste management service or the shop where you purchased this product.

Attention

To begin using the ATO1/ATO2 automatic refill kit, the following instructions must be read with understanding.


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1. How to use the user manual.

In the text of the manual, some paragraphs containing particularly important information on safety or the operation of the device are listed in different ways according to the following rules:

"NOTICE" or **"IMPORTANT"** provides a more detailed discussion, or provides additional items to the previously stated instructions to avoid damaging the equipment or causing damage.

The symbol  indicates a danger. Failure to heed this warning may endanger the life of the animals and plants in the aquarium and cause damage to property.

2. Introduction.

The **SAMUDRA Temp Sensor** is a digital temperature sensor that enables temperature measurement by the **SAMUDRA DoserX** aquarium dispenser, and other Aqua-Trend devices. The sensor realises hysteresis (reaction delay) thanks to a layer of quartz aggregate placed in the body.

The package contains:

- **SAMUDRA Digital Temp Sensor**
- Sensor holder (suction cup)
- information leaflet

3. Operating principle.

The sensor, which is immersed in the water, continuously measures the temperature; the measured values are transmitted to the SAMUDRA Temp Sensor aquarium dispenser or other Aqua-Trend control devices.

4. Installation.

The sensor should be installed in the aquarium using the suction cup holder supplied so that it is immersed in the water to a minimum of ½ its length.

5. Electrical connection.

The sensor must be connected to the appropriately labelled connector on the device housing, e.g. for **SAMUDRA DoserX** this connector is labelled "**TEMP SENSOR**".

Attention

ALWAYS disconnect the unit from the power supply before connecting the temperature sensor.

6. Maintenance.

Maintenance consists of regular cleaning of the sensor from deposits and other dirt.

7. Precautions

The SAMUDRA Temp Sensor is susceptible to mechanical damage, special care must be taken during installation, cleaning and other service work.



Any abnormal operation of the sensor, mechanical damage noticed, should result in discontinuing its use and contacting the relevant service centre or dealer.

Attention

All installation, connection and maintenance work must be carried out only after the unit has been disconnected from the power supply.

8. Technical data.

Temperature measurement range: 0-50°C

Temperature measurement resolution: 0.1°C

Permissible measurement error: 0.5 °C

Cable length: 2m

Degree of protection: IP68

WARRANTY CARD

The standard warranty period for the **SAMUDRA Temp Sensor** is 12 months from the date of purchase. Registration of the purchased product in the Aqua-Trend service system entitles the user to extend the warranty period up to 18 months (please note that registration in the service system can be made within 90 days of purchase).

(2) Claims should be submitted at the place of purchase of the product or at the manufacturer's premises. The guarantor will decide how to handle the warranty after reviewing the documents and the condition of the advertised product.

(3) Warranty service is provided only on the basis of a valid proof of purchase (receipt, invoice, or other document confirming the date of sale). In the event of a claim for a product which was registered in the Aqua-Trend service system after purchase, the e-mail address used during registration is sufficient for the claim. (Registration of the product in the Aqua-Trend service system does not release the user from the obligation to keep the proof of purchase for the duration of the guarantee period).

The product under complaint may require a detailed examination to determine both the existence of damage and the validity of the complaint. The product should include all relevant accessories supplied by the manufacturer.

5 The product under complaint should be delivered to the service at the user's expense.

(6) If it is necessary to send the device after warranty repair outside the territory of Poland, the user shall bear the cost of such shipment.

7 The guarantee does not cover:

- a. Mechanical damage.
- b. Damage caused by incorrect installation or storage of the product.
- c. Persistent contamination causing deterioration of the product's performance.
- d. Damage caused by unauthorised repairs or modifications to the product.
- e. Damage caused by fortuitous events (e.g. fire, lightning, flooding).
- f. Damage caused by transport to the site.
- g. Damage caused by use in spite of an identified fault.

(7) The service reserves the right to charge the Purchaser with the costs of materials, labour and transport when the damage was not covered by the guarantee or the product proved to be in working order.

(8) The warranty does not cover the Purchaser's right to compensation for loss of anticipated benefits and incurred costs resulting from the use or inability to use the product.

Breaking or destroying the warranty seal (if any) voids the warranty.

Produced in Poland.

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